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The Urban District of Litherland.

ANNUAL REPORTS

of the

Medical Officer of Health

and of the

Chief Sanitary Inspector

For the Year 1951.

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and of the

Chief Sanitary Inspector

For the Year 1951.

THE URBAN DISTRICT COUNCIL OF LITHERLAND.

YEAR 1951.

Chairman of the Council:

COUNCILLOR J. H. WALL, J.P.

Chairman of the Health Committee:

COUNCILLOR W. WALL, J.P.

Deputy Chairman of the Health Committee:

COUNCILLOR F. S. DUTSON.

Health Committee:

H. BELL,
F. S. DUTSON.
G. ECCLES.
E. FORRESTER.
L. E. LLOYD.
R. W. LLOYD.
W. E. ROBBINS.
W. WALL, J.P.,
J. H. WALL, J.P. *Ex-Officio.*

Medical Officer of Health:

J. G. HAILWOOD, M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H

Assistant Divisional Medical Officer of Health:

H. W. RUTHERFORD, M.B., Ch.B., D.P.H.
Lancashire County Council.

Sanitary Inspectors:

H. HARRISON, M.R.San.I., F.S.I.A., (Chief)
J. E. SHEEN A.R.San.I., M.S.I.A.

THE URBAN DISTRICT COUNCIL OF LITHERLAND.

Town Hall,
Litherland,
Liverpool, 21.

October, 1952.

To the Chairman and Members
of the Health Committee.

Lady/Gentlemen,

I have pleasure in submitting herewith my Annual Report on the health and sanitary conditions of the district for the year ending 31st December, 1951.

I would like to comment on one or two facts which have emerged and which I think are worthy of note.

The infant mortality rate in Litherland in 1951 increased to 30 infant deaths per 1,000 live births as opposed to 19 infant deaths per 1,000 live births in 1950.

There was not a single case of diphtheria notified during the year and no deaths from scarlet fever or measles, and only one death from whooping cough during 1951.

The number of notifications of pulmonary tuberculosis during the year was 31, this was fourteen lower than the previous year. Improved housing will certainly reduce the number of cases of tuberculosis in the district.

I wish to take this opportunity of thanking the Staff of the Department for their help and the members of the Health Committee for their sustained interest in the health of the district.

I am,

Your obedient servant,

J. G. HAILWOOD,

Medical Officer of Health.

PARTICULARS TO BE INCLUDED IN THE
ANNUAL REPORT OF THE MEDICAL OFFICER OF
HEALTH FOR THE YEAR 1951.

1.—Statistics and Social Conditions of the Area.

Area in acres	818
Population—Census, 1951	22,197
Estimated, Mid 1951	22,200
No. of inhabitated houses (Census, 1951)	5,858
,, ,, ,, on Rate Books, Dec., 1951...	5,883
Rateable Value	£133,824
General Rate, 1950/51	19/6
Sum represented by a penny rate	£530

There is no special report to make on the influence of any particular occupation on public health.

UNEMPLOYMENT.—There are no separate figures at the Labour Exchange as to the extent of the unemployment in the district.

BIRTHS.

The number of children born in the district during 1951 was 395; 202 males and 193 females. This gives a Birth Rate of 17·8, adjusted 15·5.

DEATHS.

The total number of deaths during the year **1951** was 240; 132 males and 108 females. This gives a crude Death Rate of 10·8, adjusted 13·3. 110 deaths of Litherland residents occurred outside the district.

INFANTILE MORTALITY.

During the year 12 children died who, at the time of their death, had not reached the age of one year.

ZYMOTIC DEATHS.

During the year, there was one death from Whooping Cough, no deaths from Diphtheria, no deaths from Measles, and no deaths from Meningococcal infection.

VITAL STATISTICS.

Home population—Registrar General's estimate, mid-1951, 22,200

Comparability Factors.

Births ... 0·87 Deaths ... 1·23

Live Births—

	M.	F.
Total ...	202	193
Legitimate ...	199	188
Illegitimate ...	3	5

Still Births—

	M.	F.
Total ...	1	6
Legitimate ...	1	6
Illegitimate ...	—	—

Deaths of Infants under one year of age—

	M.	F.
Total ...	8	4
Legitimate ...	8	4
Illegitimate ...	—	—

Deaths of Infants under four weeks of age—

	M.	F.
Total ...	5	3
Legitimate ...	5	3
Illegitimate ...	—	—

LITHERLAND U.D.C.

	Live Births.		Deaths (all causes).		Stillbirths.		Maternal Mortality.		Infant Mortailty.			
									Total.		Neo-Natal.	
	No, registered.	Rate per 1,000 population.	No. registered.	Rate per 1,000 population.	No. registered.	Rate per 1,000 total births.	No. of deaths registered.	Rate per 1,000 total births.	No. of deaths registered.	Rate per 1,000 live births.	No. of deaths registered.	Rate per 1,000 live births.
Year 1951	395	*17·8	240	*10·8	7	17	Nil.	Nil.	12	30	8	20
,, 1950	421	18·4	217	9·5	10	23	Nil.	Nil.	8	19	3	7
,, 1949	440	19·6	209	9·3	7	16	Nil.	Nil.	20	45	—	—
,, 1948	472	21·3	207	9·3	7	14	1	2·08	17	36	—	—
,, 1947	557	27·0	232	11·2	10	17	1	1·76	33	59	—	—
,, 1946	453	23·2	232	11·9	18	38	1	2·12	31	68	—	—
Avge. 5 years—												
1946-1950	—	21·8	—	10·2	—	22	—	1·25	—	47	—	—

*Adjusted—Live birth-rate (comparability factor, 0·87) = 15·5 per 1,000.

Death-rate (comparability factor, 1·23) = 13·3 per 1,000.

Age at date of Inoculation	16 1935	15 1936	14 1937	13 1938	12 1939	11 1940	10 1941	9 1942	8 1943	7 1944	6 1945	5 1946	4 1947	3 1948	2 1949	1 1950	Under 1 1951	Total
Under 1 year	—	—	—	—	—	1	1	—	23	7	2	2	168	17	134	148	150	
1-2 years ...	11	6	2	5	9	14	44	118	144	115	209	189	118	262	181	108	137	Under five years, 1410
2-3 ,, ...	21	5	9	10	6	21	37	96	51	23	31	41	37	32	11	29	17	
3-4 ,, ...	22	9	8	1	11	23	30	86	55	10	20	15	12	7	11	17	18	
4-5 ,, ...	30	10	12	16	10	26	31	63	59	7	11	9	7	10	10	10	13	
5-6 ,, ...	47	38	29	30	31	63	59	55	35	5	19	2	5	6	12	44	38	
6-7 ,, ...	51	17	16	29	14	35	41	46	38	1	19	11	3	8	11	41	28	
7-8 ,, ...	41	24	14	13	10	11	27	22	30	7	12	2	—	2	13	30	16	5-10 years, 1425.
8-9 ,, ...	40	40	9	9	16	16	24	14	25	6	8	3	2	1	10	28	34	
9-10 ,, ...	36	31	18	12	12	9	19	16	24	3	7	2	—	—	12	23	27	
10-11 ,, ...	55	41	9	8	9	11	21	9	25	8	5	5	1	1	7	23	15	
11-12 ,, ...	30	37	9	3	4	6	18	8	9	2	8	4	—	—	—	13	24	
12-13 ,, ...	21	21	4	4	2	9	9	13	8	1	2	7	1	—	—	3	11	10-15 years, 1371.
13-14 ,, ...	11	14	7	6	1	9	8	1	8	1	1	3	—	—	—	5	8	
14-15 ,, ...	—	1	—	—	—	—	1	—	—	—	—	1	—	—	—	3	5	
15 yrs. & over	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	2	2	Over 15 years, 1665
Age not known	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals ...	416	294	146	146	135	255	370	547	534	196	354	296	354	346	412	527	543	5871

Causes of Death in L'therland Urban District, 1951.

	Causes of Death.	*M.*		*F.*
		132	—	108
1.	Tuberculosis, respiratory	4	...	5
2.	Other Tuberculosis Diseases	—	...	—
3.	Syphilitic disease	—	...	1
4.	Diphtheria	—	...	—
5.	Whooping cough	1	...	—
6.	Meningococcal infections	—	...	—
7.	Acute poliomyelitis	—	...	—
8.	Measles	—	...	—
9.	Other infective and parasitic diseases ...	—	...	1
10.	Malignant neoplasm, stomach	4	...	3
11.	Malignant neoplasm, lung bronchus ...	7	...	1
12.	Malignant neoplasm, breast	—	...	3
13.	Malignant neoplasm, uterus	—	...	2
14.	Other malignant and lymphatic neoplasms	10	...	3
15.	Leukaemia, Aleukaemia	—	...	—
16.	Diabetes	—	...	—
17.	Vascular lesions of nervous system ...	18	...	21
18.	Coronary diseases, angina	19	...	8
19.	Hypertension, with heart disease ...	13	...	4
20.	Other heart disease	9	...	20
21.	Other circulatory disease	1	...	1
22.	Influenza	5	...	7
23.	Pneumonia	4	...	7
24.	Bronchitis	10	...	5
25.	Other diseases of respiratory system ...	4	...	1
26.	Ulcer of stomach and duodenum ...	3	...	—
27.	Gastritis, enteritis and diarrhoea ...	1	...	—
28.	Nephritis and nephrosis	—	...	2
29.	Hyperplasia of prostate	—	...	—
30.	Pregnancy, childbirth and abortion ...	—	...	—
31.	Congenital malformations	3	...	1
32.	Other defined and ill-defined diseases ...	8	...	10
33.	Motor vehicle accidents	1	...	—
34.	All other accidents	6	...	2
35.	Suicide	1	...	—
36.	Homicide and operations of war	—	...	—
	All causes ...	132	...	108

Birth Rates, Death Rates, Analysis of Mortality, Maternal Mortality, and Case Rates for certain Infectious Diseases in the Year 1951.

(Provisional Figures based on Quarterly Returns.)

	England and Wales.	126 County Boroughs and Great Towns, including London.	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census).	London. Administrative County.
	Rates per 1,000 Home Population.			
Births—				
Live Births	15.5	17.3	16.7	17 8
Still Births	0.36	0.45	0.38	0.37
Deaths—				
All Causes ...	12.5	13.4	12.5	13.1
Typhoid & Paratyphoid	0.00	0.00	0.00	—
Whooping Cough ...	0.01	0.01	0.01	0.01
Diphtheria	0.00	0.00	0.00	0.00
Tuberculosis	0.31	0.37	0.31	0.38
Influenza	0.38	0.36	0.38	0.23
Smallpox...	0.00	—	—	—
Acute Poliomyelitis (including Polioencephalitis)	0 00	0.01	0.01	0.00
Pneumonia	0.61	0.65	0.63	0.61
Notifications—(Corrected)				
Typhoid Fever	0.00	0.00	0.00	0.01
Paratyphoid Fever ...	0.02	0.03	0.02	0.01
Meningococcal Infection	0.03	0.04	0.03	0.03
Scarlet Fever	1.11	1 20	1 20	1.10
Whooping Cough ...	3.87	3.62	4.00	3.11
Diphtheria	0.02	0.02	0.03	0.01
Erysipelas	0.14	0.15	0.12	0.15
Smallpox...	0.00	0 00	0.00	—
Measles	14.07	13.93	14.82	14 64
Pneumonia	0.99	0.14	0.96	0.72
Acute Poliomyelitis (including Polioencephalitis)				
Paralytic	0.03	0.03	0.03	0.02
Non-Paralytic ...	0.02	0.02	0.03	0.02
Food Poisoning	0.13	0.15	0.08	0.23
Deaths—All causes		Rates per 1000 Live Births		
under 1 year of age ..	29.6 (a)	33.9	27.6	26.4
Enteritis and Diarrhoea under 2 years of age ...	1.4	1.6	1.0	0.7
Notifications (Corrected)	Rates per 1000 Total (Live and Still) Births:—			
Puerperal Fever and Pyrexia	10.66	13.77	8.08	4.90

Maternal Mortality in England and Wales.

Intermediate List No. and cause	Number of Deaths	Rates per 1,000 Total (Live and Still) Births	Rates per million women aged 15-44
A115 Sepsis of pregnancy, childbirth and the puerperium...	70	0.10	
Abortion with toxaemia	3	0.00	0
A116 Other toxaemias of pregnancy and the puerperium...	167	0.24	
A117 Haemorrhage of pregnancy and childbirth...	91	0.13	
A118 Abortion without mention of sepsis or toxaemia	37	0.05	4
A119 Abortion with sepsis	66	0.09	7
A120 Other complications of pregnancy, childbirth and the puerperium	125	0.18	

(a) Per 1,000 related live births

2.—General Provision of Health Services for the Area.

HOSPITALS.

There are no hospitals in the district. Infectious diseases are admitted to Hospitals in Liverpool.

TUBERCULOSIS.

This work is administered by the Liverpool Regional Hospital Board, the Tuberculosis Dispensary being situated at "Ellesmere," Crosby Road North, Waterloo.

MATERNITY.

There is no Maternity Hospital in the district, but the Liverpool and Ormskirk Hospitals are available.

MIDWIVES.

There are three Midwives on the County Council Register and practising in the district. There are no Health Visitors, Nurses or Midwives employed by or assisted by the Local Authority.

GENERAL MEDICAL. GENERAL SURGICAL.

These cases are removed to the General Hospitals of Liverpool, Bootle and Waterloo.

CHILDREN.

The above Hospitals are used, also the Liverpool Children's Hospital.

VENEREAL DISEASES.

Patients make their own arrangements with the Liverpool Hospitals.

MATERNITY MORTALITY.

No special arrangements have been made for the investigation of maternal deaths, and cases of Puerperal Fever or Puerperal Pyrexia; this work is carried out by the Lancashire County Council.

AMBULANCE FACILITIES.

Ambulance Services are provided by the Lancashire County Council from Depots in Crosby and Ormskirk.

NATIONAL ASSISTANCE ACT, 1948.

No action has been necessary under the above Act during the year.

Clinic and Treatment Centres.

This work is administered by the Lancashire County Council. The Clinics are situated at 32 Linacre Road and Sefton Avenue, Litherland, and provide for:—

Maternity and Child Welfare	Sefton Avenue, Litherland.
Ante-Natal	Sefton Avenue, Litherland.
School Clinics—	
Dental	32, Linacre Road, Litherland.
Ophthalmic	32, Linacre Road, Litherland.
Minor Ailments	32, Linacre Road, Litherland.
Orthopaedic	Sefton Avenue, Litherland.

There is no Artificial Light Clinic; or Institutional provision for unmarried mothers, illegitimate infants, or homeless children in the district.

A Day Nursery was opened on April 10th, 1943, to accommodate 50 children. It has proved a success and met a wartime need of some urgency. Consequently, an extension was opened on the 21st June, 1944, for 40 children. The Nursery is open from Monday to Friday at 7 a.m. to 7 p.m., and on Saturday from 7 a.m. to 1 p.m. Children of the age of 12 months to 5 years are accepted. This nursery is administered by the County Council.

Professional Nursing in the Home.

Two District Nurses visit on request of the Medical Practitioners by arrangement. This service is administered by the County Council.

Domestic Help Service.

This service is administered by the County Council, and Home Helps can be obtained in cases of illness on application to the Divisional Medical Officer or through the Litherland Health Department.

Pathological and Bacteriological Examinations.

Sputum.—These specimens are sent direct to Lancashire County Council Tuberculosis Dispensary, by Medical Practitioners.

Blood, Throat Swabs, etc.—Sent direct by Medical Practitioners to Liverpool University, Bacteriological Department.

Milk.—Twelve samples were submitted to Liverpool University.

3.—Sanitary Circumstances of the Area.

WATER SUPPLY.

The water supply is obtained from the City of Liverpool; the chief source is Lake Vyrnwy in Wales. The water is excellent in quality, and there is a constant supply for all purposes. The number of houses supplied direct from the public mains is approximately 5,883. There has been no analysis during the year this work is carried out by Liverpool Corporation. Complaints of discolouration and sediment were reported to Liverpool Corporation and received prompt attention. The whole of the dwelling-houses are supplied from the public water mains direct to the houses.

DRAINAGE AND SEWAGE.

The sewage (which is dealt with on the combined system) is discharged without treatment into the River Mersey.

The second portion of the Rimrose Brook Drainage Scheme now in progress, when completed, should remove flooding in the lower lying part of the district.

RIVERS AND STREAMS.

No action has been necessary to check pollution of rivers and streams and no new works have been established to cause pollution.

Closet accommodation at the end of 1951:—

Privy Middens—

No. of Middens	Nil.
No. of Closets attached to these Middens...	Nil.
No. of Pail Closets	One.
No. of Houses with Fresh Water Closets...	5,882
No. of Waste Water Closets	Nil.

SCAVENGING.

This work was transferred during 1942 from the Surveyor's Department to the Sanitary Department, under the supervision of the Chief Sanitary Inspector, and is working satisfactorily. Refuse is conveyed by motor vehicles to the Council's tips, situated in Beach Road, Litherland. One new Dennis refuse collection vehicle was purchased during the year; the fleet comprises two "Paxit" and one "E" low loader."

Sanitary Inspections during 1951.

No. of premises visited	1,887
Defects or Nuisances—	
No. discovered	3,086
No. abated	3,020
No. of Notices served—	
Informal	2,593
Abatement	Nil.
Legal Proceedings	Nil.

Offices and Shops Act, 1934.

No statutory action has been necessary; sanitary defects, etc., have been carried out as required.

Camping Sites.

There were no licences issued for camping sites during the year.

Swimming Baths and Pools.

There are no Swimming Baths or Pools within the District.

Eradication of Bed Bugs.

Twenty houses were disinfected during the year; 4 Council houses and 16 other houses, by means of spraying with D.D.T. in Zaldecide and sulpher candles. Ninety-seven houses were disinfected for cockroaches, fleas, ants, earwigs, silverfish, flies and woodworm.

Complaints of snails in the back passages between the houses were treated with salt.

Schools.

The sanitary condition and the water supply of the schools in the district is generally satisfactory. The schools have been disinfected after the holidays. There was no closing of schools as a result of infection during the year.

Premises and Occupations which can be Controlled by Bye-laws or Regulations.

There are no Common Lodging Houses; Houses let in Lodgings; Tents, Vans or Sheds, or Underground Sleeping Rooms in the district.

Offensive Trades.

There are three Tanneries and ten Fish and Chip Potato premises in the district; these are inspected from time to time.

Slaughter-houses.

There is only one Private Slaughter-house in the district, and this is a Registered Slaughter-house.

Rag Flock Acts, 1911 and 1928.

There are no premises in the district in which Rag Flock is manufactured or sold.

Canal Boats.

Number inspected: None.

4.—Housing.

Statistics for the Year 1951.

There were 27 houses built during the year; twenty by the Council and seven by other bodies.

Housing Application Forms, 1951.

Housing Application Forms for Council houses are continually being received, both from inside and outside the district.

The number of dwelling houses overcrowded at the end of the year was approximately 672, the number of new cases of overcrowding reported during the year was 126, and 43 cases of overcrowding have been relieved during the year. Five cases of overcrowding in houses owned by the Council have been relieved during the year. There is still a serious shortage of houses for all classes of people in the district.

5.—Inspection and Supervision of Food.

Milk Supply.

The Dairies and Milk Shops within the district are periodically inspected.

Twelve samples were obtained from persons selling milk within the district, and sent for Bacteriological examination.

"Tubercle Bacilli" was negative in the samples submitted.

Food and Drugs Act, 1938.

Twenty-one samples of milk were submitted to the County Analyst; all samples were reported genuine.

The following 154 samples were obtained in Litherland by the County Sanitary Officer during the year:—

Milk, 115; Butter, 1; Margarine, 1; Cooking Fat, 3; Pork Sausage, 1; Tea, 8; Lemon Curd, 4; Shredded Suet, 2; Dried Thyme, 2; Dried Mint, 1; Cheese, 2; Batter Mixture, (Frizets), 1; Piccalilli, 1; Mixed Pickles, 1; Pickled Onions, 1; Sweet Pickles, 1; Pickled Walnuts, 1; Shredded Beef Suet, 1; Golden Syrup, 1; Treacle, 1; Blanc Mange Powder, 1; Mincemeat, 4.

All the above samples were certified by the County Analyst to be genuine, with the exception of the following:—

Sample.	*Result of Analysis.*	*Action taken*
1 Informal Milk	The freezing point indicated the presence of 1·8 per cent. extraneous water.	Further sample obtained.
1 Dried Thyme	Contained 0·6 per cent. sand and other salicious matter.	No action taken.

MEAT AND OTHER FOODS.

The food exposed for sale or prepared in the district has been examined from time to time. The premises and shops have been kept in a cleanly state.

BAKEHOUSES.

There are seven Bakehouses in the district; these are in a sanitary condition, clean and well kept; minor repairs have been attended to.

ANNUAL RETURN OF FOOD POISONING NOTIFICATIONS (CORRECTED).

1. *Local Authority* Litherland, Liverpool, 21, Lancs. *Year* 1951.
2. *Food Poisoning Notifications (Corrected) Returned to R.G.*

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Nil	Nil	Nil	Nil	Nil

3. *Outbreaks Due to Identified Agents.*

Total Outbreaks — Total cases Nil

*Outbreaks due to:—

(a) Chemical Poisons
(b) Salmonella Organisms
(c) Staphylococci (including toxin)
(d) C.l. botulinum
(e) Other bacteria

4. *Outbreaks of Undiscovered Cause.*

Total Outbreaks — Total cases Nil

5. *Single Cases.*

Agent identified — Unknown cause — Total Nil

* Details of each outbreak to be given in Appendix D (11).

6.—Prevalence of and Control over Infectious Disease.

Five hundred and fifty-four cases of infectious diseases were notified, and fifteen were removed to Hospital (see Tables of Notifiable Diseases).

DIPHTHERIA IMMUNIZATION.

Immunization against Diphtheria was taken over by the County Council on July 5th, 1948. Monthly immunization sessions are held at the County Clinic, Sefton Avenue, Litherland; 543 cases were completed during the year, each receiving injections of A.P.T. or T.A.F. Immunization is also carried out in the schools in the district regularly.

Immunization against Diphtheria commenced on 17th May, 1935; during this period 5,871 cases have been immunized in the district.

There were no cases of diphtheria notified during the year.

Scarlet Fever.

There were nineteen cases of Scarlet Fever during the year, a decrease of eighteen, and no deaths from this disease. Scarlet Fever continues to be a mild disease.

Malaria.

There were no cases notified during the year.

Enteric Fever (including Para-Typhoid).

There were 7 cases of Para-Typhoid notified during the year. All these cases occurred in one family, and there was no spread of the disease.

Tuberculosis.

No action has been necessary in respect of Tuberculosis employees in the Milk Trade, or to Section 62, Public Health Act, 1925, for removal to hospital of infectious persons suffering from Pulmonary Tuberculosis.

General.

Vaccination sessions are held monthly at the Sefton Avenue Clinic.

It has not been necessary to close the schools during the year on account of infectious diseases.

There have been no reports made under Article 17 (7) Sanitary Officers (Outside London) Regulations, 1935, which refers to cases of Plague, Cholera, Smallpox, or any serious outbreak of disease in the district.

Influenza.

There was an outbreak of Influenza in January, with a number of deaths.

There were no other diseases or cases of sickness which required special attention.

Measles.

Measles showed a decrease during the year, 379 cases being notified as against 421 in 1950; there were no deaths due to Measles, but it continues to be one of the serious infectious diseases of childhood.

Whooping Cough.

134 cases were notified during the year, as against 140 in 1950. There were no deaths due to this disease, but it continues to be one of the serious infectious diseases of childhood.

Scabies.

Cases in diminishing numbers have been dealt with at home during the year.

Disinfection.

There were 41 rooms in 31 houses disinfected during the year after Infectious Disease, including Tuberculosis. Several articles were disinfected at the Council's Disinfector (a Washington Lyons Type) situated in the Council's yard, Field Lane.

There is no arrangement for bathing verminous persons, etc.

Disinfestation has been carried out at twenty houses.

Notifiable Diseases, 1951.

Number of cases of Infectious Diseases notified, number of deaths from these diseases, number of cases removed to Hospital, and deaths in Hospital during the year 1951 :—

NOTIFIABLE DISEASES.	Cases Notified.											Total Deaths.	Hospital	
	Total Cases at all Ages.	Years.											Total Cases removed to Hospital.	Deaths in Hospital of persons belonging to District.
		0	1	3	5	10	15	25	45	65 and over	ages not known			
	(a)											(b)	(c)	(d)
Smallpox...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	19	...	2	3	11	2	...	1	...	...	...	...	2	...
Diphtheria, including Membranous Croup	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric or typhoid Fever, (excluding paratyphoid	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...
Paratyphoid Fever ...	7	...	...	...	3	3	...	1	...	...	...	...	7	...
Measles(excluding rubella)	379	15	90	152	117	3	...	..	...	...	1	...	1	...
Whooping Cough ...	134	10	39	58	25	...	...	...	...	...	...	...	1	...
Acute pneumonia primary and influenzal	8	...	...	...	1	...	7	...	...	...	2	...	1	...
Puerperal Pyrexia ...	1	...	...	...	...	...	...	1	...	...	...	...	1	...
Meningococcal Infection	1	1	...	...	...	...	...	...	...	...	...	...	1	...
Acute poliomyelitis, Paralytic	Nil	...	...	..	...	...	...	...	...	...	...	...	...	...
Non-paralytic ...	...	..	...	...	...	...	...	...	...	...	...	...	...	..
Acute encephalitis, Infective	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...
Post infectious ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery	3	...	...	...	1	...	1	...	...	1	...	...	...	...
Ophthalmia neonatorum	Nil	...	...	...	...	...		...	...	...	...	...	...	...
Erysipelas	2	...	...	...	...	...	...	...	2	.	...	...	1	..
Malaria— Contracted in this C'try Abroad	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...
Food Poisoning	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...
Any other disease notifiable in district, *e.g.* — Chicken Pox	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...
Any other disease (specify)	Nil	...	...	..	...	...	...	...	...	...	...	...	...	...
Totals ...	554	26	131	213	158	8	8	4	2	1	3	...	15	...

INFECTIOUS DISEASES.

554 cases of Infectious Disease were notified during the year.

	Cases Notified									
	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942
Smallpox	Nil	Nil	...	...	...	...	...	...	...	...
Scarlet Fever...	19	37	28	47	38	23	67	47	34	36
Diphtheria	Nil	Nil	1	2	16	9	26	12	23	27
Enteric or typhoid fever (excluding paratyphoid)	Nil	Nil	...	...	...	...	...	1	1	...
Paratyphoid fever	7	Nil	...	...	1	...	...	...	...	...
Measles (excluding rubella) ...	379	421	210	254	174	199	71	369	185	323
Whooping cough	134	140	98	10	91	71	38	111	69	35
Acute pneumonia (primary and influenzal)	8	10	2	4	2	7	16	30	27	6
Puerperal pyrexia	1	...	...	2	...	...	...	...	1	2
Meningococcal infection	1	Nil	...	...	...	...	...	...	...	...
Acute Poliomyelitis—										
Paralytic	Nil	3	2	...	2	...	...	...	...	...
Non-paralytic	Nil	...	...	...	...	...	...	...	...	...
Acute encephalitis—										
Infective	Nil	...	...	...	...	...	...	...	...	...
Post-infectious	Nil	...	...	...	...	...	...	...	...	...
Dysentery	3	Nil	4	3	1	2	2	1	...	...
Opthalmia neonatorum	Nil	Nil	1	...	...	1	...	1	...	1
Erysipelas	2	1	1	1	4	2	7	8	5	9
Malaria—										
Contracted in England and Wales	Nil	...	...	1	...	1	...	...	...	...
Abroad	...	...	...	...	...	...	...	...	...	...
Food poisoning	Nil	...	...	...	...	...	...	...	...	...
Any other diseases notifiable in district, e.g.—										
Chicken Pox	Nil	...	...	...	...	1	...	...	...	...
Any other diseases (specify)*										
*Cerebro-spinal fever	Nil	Nil	2	3	1	...	2	1	2	1
Anthrax	Nil	...	...	...	...	...	...	...	1	1
Gastro-enteritis	Nil	...	...	2	2	...	...	...	...	...
	554	612	349	329	332	316	229	581	348	441

Infectious Diseases.

	Cases Removed to Hospital									
	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942
Smallpox	...	Nil	Nil	...	...	...	...	...	...	...
Scarlet Fever	2	7	7	9	12	11	42	13	19	16
Diphtheria (including membranous croup)	...	...	1	2	20	16	36	17	23	21
Enteric or typhoid fever (excluding paratyphoid)	...	Nil	...	...	...	...	...	...	...	...
Paratyphoid fever	7	...	...	...	1	...	...	1	1	...
Measles (excluding rubella) ...	1	...	...	5	4	7	1	...	1	1
Whooping cough	1	...	...	2	...	3	2	1	2	1
Acute pneumonia (primary and influenzal)	1	4	2	2	1	2	...	2	...	1
Puerperal pyrexia	1	...	...	1	...	...	...	...	1	1
Meningococcal infection—										
Acute poliomyelitis	1									
Paralytic	...	2	2	...	3	...	...	...	...	...
Non-Paralytic										
Acute encephalitis—										
Infective	...	...	...	...	...	...	...	...	...	...
Post-infectious										
Dysentry	...	...	3	2	1	2	2	1	...	...
Ophthalmia neonatorum	...	...	1	...	...	1	...	...	...	1
Erysipelas	1	...	...	1	2	Nil	2	4	2	4
Malaria (Contracted in England and Wales)	...	...	...	1	...	1	...	...	...	...
Abroad	...	...	...	...	...	...	...	...	...	...
Food poisoning	...	...	...	...	...	Nil	...	...	...	...
Any other diseases notifiable in district, e.g.	...	...	...	...	...	...	...	...	...	...
Chicken Pox	...	...	...	...	...	1	...	...	...	...
Any other diseases (specify)* ...										
*Cerebro-spinal fever		...	...	3	1	...	2	1	2	2
Anthrax	...	...	...	...	...	...	...	...	1	1
Gastro enteritis	...	...	...	2	2	...	...	...	...	...
	15	13	16	30	47	44	87	40	52	49

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1951 (Local Register).

AGE PERIODS.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M	F	M	F	M	F	M	F
Years 0	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...
2	...	....	...	...	...	...	...	...
5	...	1	...	1	...	...	...	...
10	1	1	...	...	...	...	...	...
15 ...	...	...	...	...	...	...	...	...
20 ...	2	...		...	...	...	...	...
25 ...	2	6	...	...	...	...	...	...
35 ...	2	4	...	...	1	3	...	...
45	...	2	....	1	...	1	...	...
55	5	1	...	...	1	1	...	...
65	2	....	...	...	3	...	...	...
75 and upwards	...	...	...	...	...	...	...	...
TOTALS ...	14	15	...	2	5	5		
	29		2		10		Nil	

The rate of non-notified Tuberculosis deaths to total Tuberculosis deaths was ten to thirty-one.

There is no evidence of excessive incidence of, or mortality from Tuberculosis in any particular occupation in the district.

No action has been taken or necessary in respect of persons suffering from Pulmonary Tuberculosis, employed in the Milk Trade, or for the compulsory removal to hospital of persons suffering from Tuberculosis.

7.—Maternity and Child Welfare.

The whole of this work is carried out by the Lancashire County Council at Sefton Avenue, Litherland.

OPHTHALMIA NEONATORUM.

This work is carried out by the Lancashire County Council; there were no cases notified during the year.

FACTORIES ACT, 1937.

Annual Report of the Medical Officer of Health in respect of the Year 1951 for the Urban District of Litherland in the County of Lancaster.

PART I OF THE ACT.

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of: Inspections (4)	Written notices (5)	Occupiers prosecuted (6)	M/c line No. (7)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	1	15	64	Nil	Nil	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	62	186	Nil	Nil	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority † (excluding out-workers' premises)	3	5	12	Nil	Nil	3
TOTAL		82	262	Nil	Nil	

2.—Cases in which DEFECTS were found.

(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases.")

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found: Found (3)	Remedied (4)	Referred: To H.M. Inspector (5)	By H.M. Inspector (6)	Number of cases in which prosecutions were instituted (7)	M/c line No. (8)
Want of cleanliness (S.1)	4	6	6	Nil	Nil	Nil	4
Overcrowding (S.2)	5						5
Unreasonable temperature (S.3) ...	6						6
Inadequate ventilation (S.4) ...	7	3	3	Nil	Nil	Nil	7
Ineffective drainage of floors (S.6)	8	5	5	Nil	Nil	Nil	8
Sanitary Conveniences (S.7) (*a*) insufficient	9	2	2	Nil	Nil	Nil	9
(*b*) Unsuitable or defective ...	10	8	8	Nil	Nil	Nil	10
(*c*) Not separate for sexes ...	11						11
Other offences against the Act (not including offences relating to Outwork)	12	12	12	Nil	Nil	Nil	12
TOTAL	60	36	36	Nil	Nil	Nil	60

Part VIII of the Act.

OUTWORK (Sections 110 and 111).

Nature of Work (1)		M/c line No. (2)	Section 110: No. of out-workers in August list required by Sect. 110 (1) (c) (3)	No. of cases of default in sending lists to the Council (4)	No. of prosecutions for failure to supply lists (5)	Section 111: No. of instances of work in unwholesome premises (6)	N'tices served (7)	Prosecutions (8)	M/c line No. (9)
Wearing apparel	Making, etc.	13	3	Nil	Nil	Nil	Nil	Nil	13
	Cleaning and washing ...	14							14
TOTAL		70	3	...	...	...	...	...	70

The Urban District Council of Litherland.

ANNUAL REPORT

OF THE

Sanitary Inspector.

1951.

October, 1952.

To THE CHAIRMAN AND MEMBERS
OF THE HEALTH COMMITTEE.

Lady/GENTLEMEN,

I beg to submit the Annual Report of the work executed in 1951, together with the particulars of the nuisances abated, and improvements effected thereby. There is still a shortage of essential building materials which often cause delay in compliance with notices. Difficulty in getting repairs completed owing to increased costs is also being experienced.

INSPECTION OF THE DISTRICT, NOTICES SERVED, ETC.

During the year 4,909 inspections and re-inspections were made in reference to complaints and housing.

It was necessary in numerous instances, however, to interview and write to the persons concerned, drawing their attention to notices which had not received prompt attention.

There were 2,593 Informal Notices and letters, etc., referring to nuisances and general dilapidations served, and in due course complied with.

No Abatement Notices were served during the year, the work having been complied with before the notice was due to be served.

SCHOOLS.—W.C. accommodation and water supply has been inspected during the year.

INSPECTION OF THE FOOD SUPPLY.—The food exposed for sale in the district has been inspected from time to time. Meat shops and food preparing places are inspected periodically.

One shop manager was warned regarding one of his staff handling cream cakes, when utensils had been provided.

SLAUGHTER-HOUSES. — There is one "private" slaughter-house within the district; there was no slaughtering during the year.

LITHERLAND HYGIENIC FOOD GUILD.—The above Guild was formed in January, 1950.

Membership consists of Food Traders, Members of the Ratepayers' and Tenants' Association, Townswomen's Guild and Other Organisations in the district. Talks and Film Shows on Hygiene have been given during the year. A display set of twelve posters on " Food Poisoning " obtained from the Central Office of Information, London, have been pasted on to cardboard and have been distributed on loan for short periods to Food Manufacturers, Canteens, Schools, etc. Visits have been made to Food Factories.

Plaques are provided for members whose shops comply with the " Codes of Practice " laid down by the Guild. Badges and brooches have been provided for the staffs of the shops which comply with the " Codes of Practice." Whist drives and dances have been and are being held, to provide funds for the purchase of the plaques, badges, etc.

INSPECTION OF MEAT:—

Food condemned as unfit for human consumption:—

9 cwts. 1 qtr. 15½ lbs.

DAIRIES, COWSHEDS AND MILKSHOPS.—Number of cowkeepers on register, 1; number of dairies, 4; number of shops other than dairies selling milk, 14; 35 visits were made during the year. On the whole, a fairly high standard of cleanliness is maintained, and the health of the cattle is satisfactory.

Seven supplementary licences were issued to retail:—

" Tuberculin Tested " Milk.

Six licences were issued for " Pasturized " Milk and eleven for " Sterilized " Milk.

There are now only 5 cows kept in the district.

BACTERIOLOGICAL SAMPLES.

MILK SAMPLES.—Three samples were taken for the discovery of Tuberculosis amongst cattle, the Bacteriologist reported that the result of the Animal Innoculation to B Tuberculosis was " Negative " in the three samples.

Twelve samples were submitted for examination, the Bacteriologist's report showed that six samples were satisfactory, and six samples were not satisfactory to the Methlene Blue Test, and eight samples were satisfactory to the Phospatase Test.

ICE CREAM SAMPLES.—Seven samples of ice cream were sent for " Bacteriological Examination "; the report showed the following Provisional Grades:—One, Grade 1; two in Grade 2; three in Grade 3; and one in Grade 4.

FOOD AND DRUGS SAMPLES.—Twenty-one samples of milk were taken under the Food and Drugs Act, 1938-1950; all samples were reported "" Genuine."

WATER SUPPLY.—The water supply is obtained from the Liverpool Corporation, and the only direct supply from the main is to the kitchen tap; all other supplies are from the storage cistern, which may be contaminated; most new houses have a washbowl in the bathroom. This supply should come direct from the main to avoid the risk of children or other persons drinking what might be contaminated water.

FISH FRYING SHOPS AND WET FISH SHOPS.—Twenty-seven visits were paid to fish frying shops and wet fish shops, which were maintained in a generally satisfactory condition.

SMOKE ABATEMENT.—Visits have been made where black smoke and grit have been excessive; interviews between engineers and stokers have taken place and advice given. Complaints of obnoxious fumes from a factory received attention; this factory is now installing a special plant to eliminate the fumes, etc.

REFUSE COLLECTION.—This work is carried out under the supervision of the Sanitary Department; three gangs, with three vehicles are used.

One new refuse collection vehicle was purchased during the year; the fleet comprises two Paxits and one Low Loader. Gullies are emptied by a mechanically operated gully-emptier.

Two hundred and seventeen new refuse bins were provided during the year.

ERADICATION OF BED BUGS.—Twenty houses were disinfested during the year by means of spraying with Zaldecide and D.D.T., and sulphur candles. Clothing and bedding were taken to the Council's steam Disinfector. The whole of this work is carried out by the Council's workmen.

Ninety-seven houses were disinfested for cockroaches, fleas, ants, earwigs, silverfish and woodworm. They were treated with Zaldecide and D.D.T. successfully. Snails in the back passages were treated with salt. Gammexane powder has also been used with good results.

Four dead dogs and one dead cat were removed during the year.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.—

This work has been carried out in accordance with the Ministry of Agriculture and Fisheries direction.

PROPERTIES INSPECTED	284
Local Authority	11
Private Dwellings	214
Business Premises	59

Infested Properties Treated	232
Local Authority	5
Private Dwellings	185
Business Premises	42

SEWERS.—Two sewer treatments, including test-baiting, were carried out during the year (i.e.) March and September, in accordance with the Ministry's instructions. An Inspector of the Ministry visited the district whilst treatment was in progress, and satisfied himself that the work was carried out as directed by the Ministry, thus enabling the Local Authority to receive assistance.

A summary of treatments, and destruction of rodents, is as follows:—

	Treatments.		*Destruction (approx.)*	
	Rats.	*Mice.*	*Rats.*	*Mice.*
Private Dwellings ...	52	133	136	749
Business Premises ...	19	23	178	392
Council Property ...	3	1	16	6
Allotments	1	—	8	—
Sewers	2	—	73	—
Totals ...	77	157	411	1147

Council Property receiving treatment included the Joiner's Shop (Mice) and the Salvage Depot (Rats). Hatton Hill Allotments were also treated for rats; all infestations were of a minor degree.

COUNCIL HOUSING ESTATES.—A survey and inspection of poultry runs on the Council Estates was carried out during the year; two rat infestations were discovered, and promptly dealt with. A decrease in the number of poultry runs has been recorded.

Infestations notified	197
Infestations found on inspection ...	35
Total ...	232

TENTS, VANS AND SHEDS.—There is no recognised camping site in the district, a large portion of the open space between Hawthorne Road and Orrell Road which was used chiefly by the caravan dwellers is now being built on, thus preventing the nuisance caused by these people.

SUPERVISION OF INFECTIOUS DISEASES.—Thirty-four visits were paid to houses where Infectious Diseases had occurred and the necessary enquiries made into each case, also a sanitary survey was made of the premises, notices served where necessary for various defects, and work was carried out, and 16 re-visits were paid to ensure that the work was carried out. The schools have been thoroughly disinfected during the year. The

head teachers have been notified regarding children attending the schools where infectious disease had occurred, also after disinfection. The whole house, furniture and utensils were disinfected; beds and bedding were steam disinfected, at the premises where Paratyphoid had occurred, under the supervision of the Chief Sanitary Inspector.

FACTORIES ACT, 1937 and 1948.—Two hundred and sixty-two visits and re-visits were made to factories during the year. Repairs to W.C.'s, drains, water supply, floors, ventilation and rain-water pipes, etc., have been carried out during the year. The larger factories find employment for approximately 2,919 persons.

OUTWORKERS.—Visits were made to premises where outworkers were engaged; the premises were found to be satisfactory.

SALVAGE.

WASTE FOOD.—During the year 18 tons 16 cwts. 2 qrs. of food was collected and disposed of to pig dealers.

WASTE PAPER.—The collection of waste paper recommenced in October. 87 tons 12 cwts. 2 qrs. was baled and sold for pulping.

MISCELLANEOUS.—During the year 24 tons 12 cwts. 3 qrs. of Metal, Rags, Sacking, Bones and Rubber were collected and disposed of.

SUMMARY OF WORK OF DEPARTMENT.

Number of inspections and re-inspections (complaints and housing)	4909
Number of visits and re-visits to factories	155
Number of visits to bakehouses	14
Number of visits to dairies and milkshops, etc.	50
Number of informal notices served and letter, etc.	2593
Number of visits to offensive trades	4
Samples of milk submitted for bacteriological examination ...	12
Samples of ice cream submitted for bacteriological examination	7
Samples of milk taken under Food and Drugs Act ...	21
Cases of infectious disease visited and reported upon ...	34
Number of houses disinfected	31
Number of rooms disinfected	41
Number of verminous houses disinfested for bugs	20
Number of verminous houses disinfested for other insects-etc.	97
Number of visits to fish frying shops and wet fish shops ...	27
Number of visits to butchers' shops, food preparing places, ice cream premises and food hawkers, etc.	376
Number of visits to slaughter-house	2
Number of visits to schools	25
Number of visits to Tents, Vans and Sheds	50
Number of visits to stable premises and garages	51
Rent Books inspected	32

DETAILS OF SANITARY IMPROVEMENTS AND ABATEMENT OF NUISANCES.

Drains tested, repaired or renewed	250
Defective w.c. cisterns, pans, traps, water supply, etc. ...	239
Staircases repaired	24
Defective water supply to houses, etc., new taps, burst pipes, etc.	196
Defective floors in dwelling houses, etc.	95
Offensive accumulations	24
New ashbins provided	217
Insanitary yard surfaces	104
Walls and chimneys pointed and repaired	399
Defective eaves, gutters, r.w. pipes, etc.	282
New back boilers, storage cisterns and cylinders provided or repaired	24
Defective skirting boards repaired	13
Defective plasterwork and limewashing, etc.	233
Repairs to window sashes and frames, and lighting and ventilation improved	199
Leaky roofs (dwelling houses, etc.	321
New doors and repairs to doors	171
Animals and Fowls kept to be a nuisance	3
Defective wash boilers and structures	5
New sinks and other sanitary fittings	83
Defective fire ranges, jambs, and flues	92
Defective drainer boards	12

FACTORIES ACT, 1937 and 1948.

Want of cleanliness	6
Ineffective drainage of floors	5
Defective sanitary conveniences and insufficient	10
Other defects (burst pipes, walls, etc.)	12
Inadequate ventilation	3

I am, Gentlemen,

Your obedient Servant,

H. HARRISON,

Chief Sanitary Inspector.